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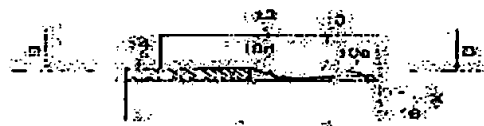
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(54) ELECTRIC COMPONENT AND METHOD FOR MANUFACTURING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide
an electric component which is
produced by a production step of
excellent industrial productivity
by using a carbon nano-tube, and a
method for manufacturing the same.

SOLUTION: The electric component
comprises: matrix-shaped
non-conductive base materials 12
and 16; a carbon nano-tube group
10 which is enclosed therein and



includes one carbon nano-tube or a plurality of carbon nano-tubes electrically connected to each other while only a substantial end part of at least one carbon nano-tube 10a included in the carbon nano-tube or the plurality of carbon nano-tubes is protruded from one surface of the non-conductive base materials 12 and 16; and an electrode 14 connected to a side surface of at least one carbon nano-tube 10d included in the carbon nano-tube group 10. There is also provided a method for manufacturing the component.

LEGAL STATUS

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